

Enter Watershed Variables Below										
Watershed Name <span style="border: 1px solid black; padding: 2px;">Cannon</span>			Watershed Code <span style="border: 1px solid black; padding: 2px;">0704002</span>			<span style="border: 1px solid black; padding: 2px;">Help</span>				
Landuse Type <span style="border: 1px solid black; padding: 2px;">Pasture</span>			Landuse Acres <span style="border: 1px solid black; padding: 2px;">147,076</span>			Interest Rate <span style="border: 1px solid black; padding: 2px;">5%</span>				
Typical Unit Size (ac) <span style="border: 1px solid black; padding: 2px;">40</span>			Percent TA of FA <span style="border: 1px solid black; padding: 2px;">20%</span>			Cost-Share Rate <span style="border: 1px solid black; padding: 2px;">50%</span>				
Estimated Time Frame = 5 years		Participation Rate <span style="border: 1px solid black; padding: 2px;"></span> <small>(Based on Watershed Profile)</small>		← COMPARE →		12% <span style="background-color: yellow; border: 1px solid black; padding: 2px;"></span>		Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>		
<span style="border: 1px solid black; padding: 2px;">Next</span>										
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
						Total      Static      Treated				
Baseline	70%	102,953	Baseline	85%	87,510	Baseline	60%	87,510	87,510	0
			Progressive	5%	5,148					
			RMS	10%	10,295					
				Must Total 100%		100%				
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
						Total      Static      Treated				
Progressive	25%	36,769	Progressive	95%	34,931	Progressive	27%	40,078	34,931	5,148
			RMS	5%	1,838					
				Must Total 100%		100%				
Current Conditions			0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
						Total      Static      Treated				
RMS	5%	7,354	RMS	100%	7,354	RMS	13%	19,488	7,354	12,134
Grand Totals										
100%		147,076				100%		147,076	129,795	17,281

## DOCUMENTATION SECTION

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# **DOCUMENTATION SECTION**

<b>PRACTICE FACTOR SHEET</b> Only shaded practices are in this analysis. Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor. Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)							
Code	BASE	PROG	RMS	SHORT NOTE <small>TU = Typical Unit Size</small>	Practice Name		
382	x 5,000	x 6,500	x 13,000	FEET per TU	Fence (ft.) 382		
512	100.0%	x 1.0%	x 1.5%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512		
516	1,000	x 50	x 120	FEET per TU	Pipeline (ft.) 516		
528	100.0%	100.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528		
533	1	1	x 0.010	NUMBER per TU	Pumping Plant (no.) 533		
561	10.0%	10.0%	x 0.01%	PERCENT of TU	Heavy Use Area Protection (ac.) 561		
595	100.0%	8.0%	x 50.0%	PERCENT of TU	Pest Management (ac.) 595		
614	1	x 0.5	x 2	NUMBER per TU	Watering Facility (no.) 614		
642	1	1	x 0.010	NUMBER per TU	Water Well (no.) 642		
342	5.0%	5.0%	1.0%	PERCENT of TU	Critical Area Planting (ac.) 342		
378	1	0.01	0.01	NUMBER per TU	Pond (no.) 378		
410	1	1	0.01	NUMBER per TU	Grade Stabilization Structure (no.) 410		
472	25.0%	25.0%	1.0%	PERCENT of TU	Use Exclusion (ac.) 472		
578	50	50	1	FEET per TU	Stream Crossing 578		
327	10.0%	10.0%	10.0%	PERCENT of TU	Conservation Cover (ac.) 327		
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328		
344	80.0%	100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344		
362	500	500	25	FEET per TU	Diversion (ft.) 362		
380	500	500	500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380		
393	10.0%	1.0%	2.0%	PERCENT of TU	Filter Strip (ac.) 393		
412	5.0%	0.5%	1.0%	PERCENT of TU	Grassed Waterway (ac.) 412		
590	100.0%	10.0%	100.0%	PERCENT of TU	Nutrient Management (ac.) 590		
600	5,000	5,000	100	FEET per TU	Terrace (ft.) 600		
606	10,000	16,000	20,000	FEET per TU	Subsurface Drain (ft.) 606		
633	100.0%	100.0%	10.0%	PERCENT of TU	Waste Utilization (ac.) 633		
638	1	1	2	NUMBER per TU	Water & Sediment Control Basin (no.) 638		
644	100.0%	100.0%	1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644		
645	100.0%	7.0%	10.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645		
657	100.0%	100.0%	0.5%	PERCENT of TU	Wetland Restoration (ac.) 657		
329A	100.0%	5.0%	8.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329A		

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WATERSHED NAME & CODE		CANNON - 0704002				LANDUSE ACRES		147,076	
LANDUSE TYPE		PASTURE				TYPICAL UNIT SIZE ACRES		40	
CONSERVATION INVESTMENT INFORMATION						ESTIMATED PARTICIPATION		12%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		5,148							
Fence (ft.) 382		193,037	\$113,892	\$0	\$22,778	\$136,670	\$113,892	\$4,556	\$133,616
Pasture & Hayland Planting (ac.) 512		51	\$5,411	\$0	\$1,082	\$6,493	\$5,411	\$108	\$5,879
Pipeline (ft.) 516		6,435	\$6,756	\$0	\$1,351	\$8,108	\$6,756	\$270	\$7,926
Watering Facility (no.) 614		64	\$8,494	\$0	\$1,699	\$10,192	\$8,494	\$170	\$9,229

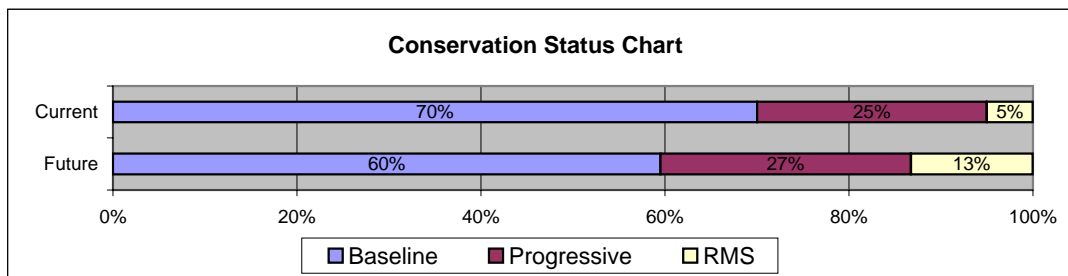


Chart Refers To	
Landuse Type	PASTURE
Estimated Participation Rate	12%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$31	\$30
RMS	\$180	\$170

Estimated FTE per Year	0.8
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WATERSHED NAME & CODE		CANNON - 0704002						LANDUSE ACRES			147,076		
LANDUSE TYPE		PASTURE						TYPICAL UNIT SIZE ACRES			40		
POSSIBLE SOURCES OF FUNDING								ESTIMATED PARTICIPATION			12%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS	FUTURE	USDA INVESTMENT						OTHERS			NOTES/COMMENTS		
	New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State	Local			
	Progressive System Acres Treated	5,148											
	Fence (ft.) 382	193,037	X										
	Pasture & Hayland Planting (ac.) 512	51	X	X		X							
	Pipeline (ft.) 516	6,435	X										
	Watering Facility (no.) 614	64	X	X		X	X						
Resource Management System (RMS) Acres Treated	12,134												
Fence (ft.) 382	2,357,812	X											
Heavy Use Area Protection (ac.) 561	1	X	X		X								
Pasture & Hayland Planting (ac.) 512	164	X	X		X								
Pest Management (ac.) 595	6,067	X	X	X									
Pipeline (ft.) 516	34,103	X											
Prescribed Grazing (ac.) 528	12,134	X											
Pumping Plant (no.) 533	3	X											
Water Well (no.) 642	3	X		X	X								
Watering Facility (no.) 614	584	X	X		X	X							

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